AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

Listing of the Claims

1.   (Currently Amended) A PC arrangement for visualization, diagnosis and expert systems for at least one of regulating, monitoring and controlling or regulating high-voltage supply units for electrostatic comprising:

a server PC, linked via a first network to the units; and

client PCs, forming a second network with the server PC and connected to the first network for at least one of data transmission and data exchange with the units via the server PC,

wherein software structure for the PC arrangement is broken down into autonomous software modules, which each realize at least one functionality,

wherein one of the software modules is an autonomous server software module, which realizes the at least one of data transmission and data exchange with the high-voltage supply units, and is implemented on the server PC connected to the high-voltage supply units for the electrostatic filter via the first network, and

wherein at least another further of the software modules are implementable on at least one of a client PC and the server PC,

wherein the server software module is used to categorize a large number of data from controllers of the units differently,

wherein imaging of measured and status data from the controllers in the server software

module is cyclically updatable,

wherein other data is transmittable at a request of one of the client PCs, and

wherein the units are high-voltage supply units for electrostatic filters.

2.   (Currently Amended) The PC arrangement as claimed in claim 1, wherein the first

network, which connects the server PC (2) to the high-voltage supply units, is a Profibus

network.

3.   (Previously Presented) The PC arrangement as claimed in claim 1, wherein the first

network, which connects the server PC to the high-voltage supply units, is an Ethernet network

using TCP/IP.

4.   (Currently Amended) The PC arrangement as claimed in claim 1, wherein the second

network, networks, which connects the server PC to the client PCs, is a standard network.

5.   (Previously Presented) The PC arrangement as claimed in claim 1, wherein the server

software module implemented on the server PC is at least one of a DCOM server and a

WinSocket server.

6.   (Previously Presented) The PC arrangement as claimed in claim 1, wherein one group of

high-voltage supply units has an associated bus coupler.

7.   (Cancelled)

8.   (Currently Amended) The PC arrangement as claimed in claim 6, wherein a connection

between the server PC, which implements the server software module and the controllers, is

automatically startable when data from the controllers is requested at one or more client PCs.

9.   (Currently Amended) The PC arrangement as claimed in claim 1, wherein an

autonomous measured data software module archives the measured data~~the functionality~~

~~"measured data archiving" is realized by an autonomous measured data software module~~.

10.   (Currently Amended) The PC arrangement as claimed in claim 9, wherein the measured

data software module is ~~in the form of~~ at least one of a databank and data system in which

measured and status data are archived ~~archivable~~ for a ~~predeterminable~~ period of time.

11.   (Currently Amended) The PC arrangement as claimed in claim 1, wherein an

autonomous display software module displays data relating to the high-voltage supply units, sets

parameter of the high-voltage supply units and controls the high-voltage supply units~~the~~

~~functionalities "visualization, parameter setting, device control" are realized by an autonomous~~

~~display software module~~.

12.   (Previously Presented) The PC arrangement as claimed in claim 11, wherein, by use of

the display software module, data stored in the measured data software module is accessible,

measured and status data updated in the server software module is accessible and, by use of the

server software module, further data available in the controllers is directly accessible.

13.   (Currently Amended) The PC arrangement as claimed in claim 11, wherein the display

software module is implementable on <u>at least </u>two <s>or more </s>client PCs and the server PC

simultaneously.

14.   (Currently Amended) The PC arrangement as claimed in claim 11, wherein the display

software module is <u>configured to provide different monitoring and intervention measures to</u>

<u>persons having different levels of authority</u><s>realizable on different user planes</s>.

15.   (Currently Amended) The PC arrangement as claimed in claim 1, wherein <u>an</u>

<u>autonomous control software module controls auxiliary drives of the high-voltage supply</u>

<u>units</u><s>the functionality "control of auxiliary drives" is realized by an autonomous control software</s>

<s>module</s>.

16.   (Previously Presented) The PC arrangement as claimed in claim 15, wherein the control

software module is adapted to match components of the electrostatic filter, automatically, to

different operating conditions of the electrostatic filter.

17.   (Currently Amended) The PC arrangement as claimed in claim 1, wherein <u>an</u>

<u>autonomous optimization software module optimizes operation of the high-voltage supply</u>

<u>units</u><s>the functionality "optimization" is realized by an autonomous optimization software</s>

<s>module</s>.

18.   (Currently Amended) The PC arrangement as claimed in claim 17, wherein, use of the

optimization software module, is adapted to optimize the operation of the electrostatic filter

based on at, using as a basis a least one of efficiency of the electrostatic filter and the energy consumption of the electrostatic filter.

19. (Currently Amended) The PC arrangement as claimed in claim 17 1, wherein the server software module implemented in the server PC is accessible by use of a the measured data software module, a the display software module, an the optimization software module and a the control software module.

20. (Previously Presented) The PC arrangement as claimed in claim 1, wherein at least one of the data transmission and the data exchange, via the server software module, is both cyclic and event-controllable.

21. (Previously Presented) The PC arrangement as claimed in claim 1, wherein the second network, which connects the server PC to the client PCs, is an Ethernet network using TCP/IP protocol.

22. (Previously Presented) The PC arrangement as claimed in claim 2, wherein the second network, which connects the server PC to the client PCs, is an Ethernet network using TCP/IP protocol.

23. (Previously Presented) The PC arrangement as claimed in claim 3, wherein the second network, which connects the server PC to the client PCs, is an Ethernet network using TCP/IP protocol.

24.   (Previously Presented) The PC arrangement as claimed in claim 7, wherein a connection

between the server PC which implements the server software module and the controllers is

automatically startable when data from the controllers is requested at one or more client PCs.

25.   (Currently Amended) The PC arrangement as claimed in claim 12, wherein the display

software module is implementable on at least two or more client PCs and the server PC

simultaneously.

26.   (Currently Amended) The PC arrangement as claimed in claim 12, wherein the display

software module is configured to provide different monitoring and intervention measures to

persons having different levels of authorityrealizable on different user planes.

27.   (Currently Amended) The PC arrangement as claimed in claim 13, wherein the display

software module is configured to allow different monitoring and intervention measures to

persons having different levels of authorityrealizable on different user planes.

28.   (Cancelled)